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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

09/954,835

Filing Date:

September 18, 2001

Applicant:

Monica A. Jacinto et al.

Group Art Unit:

1742

Examiner:

Andrew E. Wessman

Title:

Burn Resistant and High Tensile Strength Metal Alloys

Attorney Docket:

7784-000255

Commissioner of Patents and Trademarks Washington, D.C. 20231

DRAFT FOR DISCUSSION ONLY

PROPOSED AMENDMENTS IN THE CLAIMS

1. (AMENDED) A burn resistant and high tensile strength alloy, comprising:

about 55 to about 75 weight percent nickel;

about 12 to about 17 weight percent cobalt;

[at most about 12] less than 10 weight percent chromium;

about 1 to about 4 weight percent aluminum; and

about 1 to about 4 weight percent titanium.

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11. (AMENDED) A nickel alloy, comprising:

at least [about 72] 75 weight percent nickel; about 13.5 to about 16.5 weight percent cobalt; about 6 to about 15 weight percent chromium; about 1 to about 4 weight percent aluminum; and about 1 to about 4 weight percent titanium.

18. (AMENDED) A nickel-based metal alloy comprising: at least 50 weight percent nickel; less than [about 12] 10 weight percent chromium; a threshold pressure at least about 4,000 pounds per square inch; and a tensile strength at least about 160,000 pounds per square inch.

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